



Underwater Windows

Enjoy crystal clear underwater viewing for swimming pools, water features and aquatic facilities.



Natare underwater observation windows are the perfect way to provide a clear view into the swimming or diving pool below the water.

Our windows are ideal for underwater viewing, observation and photography.

Why You Should Use Underwater Windows?

The ability to observe what is going on beneath the water's surface has gained popularity in recent years. Whereas once, underwater observation windows were an expensive and complicated component found only in the most exclusive facilities, swim instructors and coaches now frequently use underwater windows to help critique strokes, advise on diving techniques and even craft choreography for synchronized swimming.

Zoos and animal habitats such as fish hatcheries also use underwater windows to observe aquatic wildlife from the safety of an adjacent room. No matter what the conditions or special requirements, Natare has the expertise to design and install underwater viewing windows to fulfill the needs of any type of aquatic facility. They are cost-effective, durable and easy to install.



Natare has designed, manufactured and installed some of the world's largest, highest and most complex swimming pools, aquatic facilities and specialty components. Natare equipment and systems are available through a worldwide network of builders, distributors and specialty contractors who are there to help carefully select and conscientiously install our products, equipment and systems to make your facility work for you.

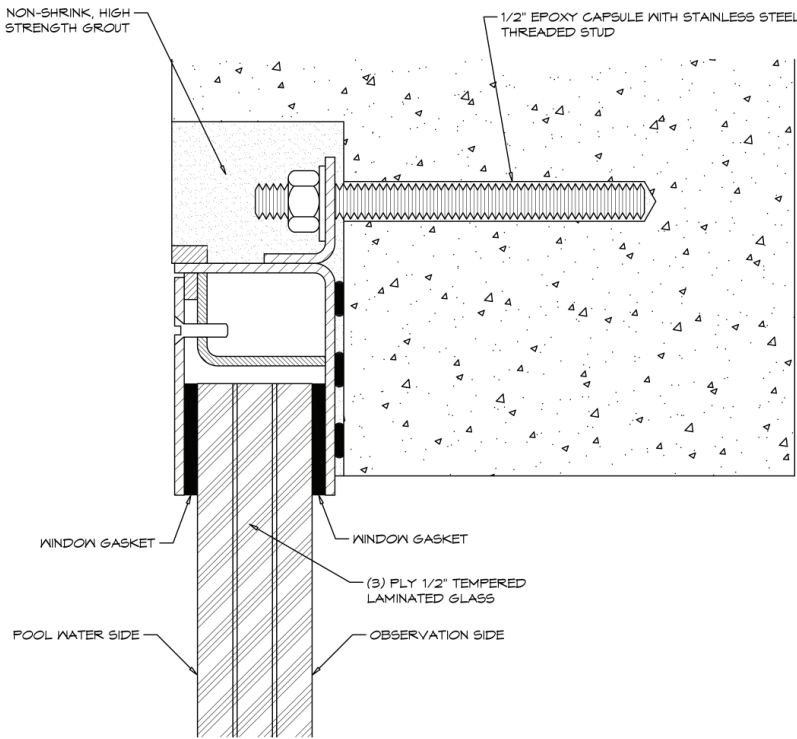


Window Construction

These strong rectangular windows are suitable for installation in any concrete or stainless steel pool. The window installs flush with the interior pool wall so no projections or sharp edges interfere with equipment or competition.

Constructed from a special grade of extra low carbon 304 or 316 stainless steel, the window system consists of a frame with integral anchoring tabs that provide rigid attachment to the wall structure. The window glazing system consists of a three-ply tempered glass laminate or a thick acrylic/polycarbonate material secured by a stainless steel retaining flange. A polymeric sealant ensures a completely watertight installation. All windows are shipped fully assembled, sealed and ready for field installation.

Underwater Windows



Typical Window Section

Window Size*	Maximum Depth**
24-in x 24-in / 61-cm x 61-cm	14-ft / 4.27-m
24-in x 30-in / 61-cm x 76-cm	10-ft / 3.05-m
24-in x 36-in / 61-cm x 91-cm	8.5-ft / 7.5-m
24-in x 42-in / 61-cm x 106-cm	7.5-ft / 2.29-m
24-in x 48-in / 61-cm x 121-cm	7-ft / 2.13-m
24-in x 54-in / 61-cm x 137-cm	6.5-ft / 1.98-m
24-in x 60-in / 61-cm x 152-cm	6-ft / 1.83-m
30-in x 30-in / 76-cm x 76-cm	8-ft / 2.44-m
30-in x 36-in / 76-cm x 91-cm	7.5-ft / 2.29-m
30-in x 42-in / 76-cm x 106-cm	7-ft / 2.13-m
30-in x 48-in / 76-cm x 121-cm	6-ft / 1.83-m
30-in x 54-in / 76-cm x 137-cm	5.5-ft / 1.68-m
30-in x 60-in / 76-cm x 152-cm	5-ft / 1.52-m
36-in x 36-in / 91-cm x 91-cm	6.5-ft / 1.98-m
36-in x 42-in / 91-cm x 106-cm	5.5-ft / 1.68-m
36-in x 48-in / 91-cm x 121-cm	4.5-ft / 1.37-m
36-in x 54-in / 91-cm x 137-cm	4-ft / 1.22-m
36-in x 60-in / 91-cm x 152-cm	3.5-ft / 1.07-m

Features and Benefits

- Natare uses special tempered glass for underwater windows
- Tempered glass is approximately four to five times as strong as annealed glass and has significant resistant to breaking and is able to resist temperature differences.
- The durability of the seals in our glass windows are warranted for 20-years.
- Setting templates are available for all sizes of windows

We have a variety of standard sizes available. We can create virtually any size window for your project.

NOTE: All dimensions, depths and details are typical and will vary with the design and submergence depths.

**Clear Opening - for size or water depths other than those shown, please contact our engineering department for recommendations.*

*** Maximum water depth to the centerline of the window.*

Why Select Natare Underwater Windows?

Natare uses special tempered glass produced under carefully controlled conditions to remove undesirable stresses and impurities.

Tempered glass is approximately four to five times stronger than annealed (traditional) glass, providing a very high level of safety.

Our tempered glass is composed of transparent glass that is permanently laminated to a polyvinyl butyral (PVB) film. The result is a window that is much stronger and resistant to impact and heat than traditional glass.

In the unlikely event that our window could be broken, it would keep its primary shape and visibility, and the broken pieces would not have any sharp, jagged edges.

The glazing in our windows is a safety glazing material that must meet ANSI Z97.1 Standard and Federal Standard CPSC 16 CFR 1201.

Natare also produces acrylic windows, which is a clear plastic that resembles glass. We use only a high-quality, domestic-production acrylic (rather than low-quality extruded acrylic, which is softer, can scratch easily and may contain impurities). Common brands include Polycast, Lucite, and Plexiglas.

